

IR800 – Technical Specification

Insulation Resistance

Auto Ranges:	2.000M Ohms, 20.00M Ohms, 200.0M Ohms, 2000M Ohms
Resolution:	0.001M Ohms on 2.000M Ohms range max
Accuracy:	2% + digits, 2.000M Ohms, 20.00M Ohms, 200.0M Ohms range
Analog Bar Graph:	0 to 1 G Ohms, and infinity
Bar Graph Accuracy:	10%
Test Voltage:	250V; 500V; 1000V
Accuracy:	+20% - 0%
Nominal Current:	1mA minimum per EN 61557
Input Protection:	1000V
Voltage Sensing:	0 to 1000V AC/DC to 400 Hz
Audible/ Visible Warning:	30 V AC or DC at inputs
Circuitry protection:	Inhibited if 30V AC or DC at inputs

Continuity

Accuracy:	2% + 2 counts
Resolution:	0.01 Ohms
Open Circuit Test Voltage:	4V DC nominal
Test Current:	200mA, 0 to 2 Ohms
Input protection:	1000v
Circuitry Protection:	Inhibited if 30 AC or DC inputs
Accuracy:	5% + 2 counts

Resolution

Resolution:	1 Ohm
Test Current:	25mA nominal
Input Protection:	1000V
Voltage sensing:	0 to 100 V AC/DC to 400 Hz
Accuracy:	2% + 2 counts
Audible/Visible Warning:	30 V AC or DC inputs